

PTO-1449	Application No.		Applicant(s)	
	Docket Number 069204.0234		Group Art Unit	Filing Date July 25, 2003
Information Disclosure Citation In an Application		Mohammed N. Islam		

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	C	4,616,898	10/14/1986	Hicks, Jr.	350	96.15	09/28/1983
	D	4,685,107	08/04/1987	Kafka et al.	372	6	
	E	4,699,452	10/13/1987	Mollenauer et al.	350	96.16	10/28/1985
	F	4,720,684	01/19/1988	Byron	330	4.3	07/22/80
	G	4,740,974	04/26/1988	Byron	372	3	
	H	4,831,616	05/16/1989	Huber	370	3	
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	Q	0 903 877 A2	24.03.1999	EP	H04B	10/18	X
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	T	Sun et al., "80nm ultra-wideband erbium-doped silica fibre amplifier," Electronic Letters, Vol. 33, No. 23, pp. 1965-1967	11/06/1997
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	W	Yamada et al., "A Low-Noise and Gain-Flattened Amplifier Composed of a Silica-Based and a Fluoride-Based Er ³⁺ -Doped Fiber Amplifier in a Cascade Configuration," IEEE Photonics Letters, Vol. 8, No. 5, pp. 620-622	05/1996
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	Y	Masuda et al., "Ultrawide 75-nm 3-dB Gain-Band Optical Amplification with Erbium-Doped Fluoride Fiber Amplifiers and Distributed Raman Amplifiers," IEEE Photonics Technology Letters, Vol. 10, No. 4, pp. 516-518	04/1998
	Z	Masuda et al., "Wide-Band and Gain-Flattened Hybrid Fiber Amplifier Consisting of an EDFA and a Multiwavelength Pumped Raman Amplifier," IEEE Photonics Technology Letters, Vol. 11, No. 6, pp. 647-649	06/1999
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EXAMINER

DENORA M. HUGHES

DATE CONSIDERED

July 30, 2004

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↑	A	5,050,183	09/17/1991	Duling, III			
	B	5,058,974	10/22/1991	Mollenauer	385	27	10/06/1989
	C	5,078,464	01/07/1992	Islam	385	122	11/07/1990
	D	5,101,456	03/31/1992	Islam	385	27	11/07/1990
	E	5,107,360	04/21/1992	Huber	359	124	
	F	5,115,488	05/19/1992	Islam et al.	385	129	05/10/1991
	G	5,117,196	05/26/1992	Epworth et al.	359	333	04/23/1990
	H	5,132,976	07/21/1992	Chung et al.	372	6	
	I	5,134,620	07/28/1992	Huber	372	6	
	J	5,140,456	08/18/1992	Huber	359	341	04/08/1991
	K	5,151,908	09/29/1992	Huber	372	6	
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	G	5,210,631	05/11/1993	Huber et al.	359	132	
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	K	5,224,194	06/29/1993	Islam	385	122	04/02/1991
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	H	5,295,016	03/15/1994	Van Deventer	359
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	M	5,559,920	09/24/1996	Chraplyvy et al.	385	123	03/01/1995
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PTO-1449			Application No.		Applicant(s)		
Information Disclosure Citation In an Application			Docket Number		Group Art Unit		Filing Date
			069204.0234				July 25, 2003
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
↑	A	5,577,057	11/19/1996	Frisken	372	18	09/20/1993
	B	5,579,143	11/26/1996	Huber	359	130	
	C	5,600,473	02/04/1997	Huber	359	179	02/24/1995
	D	5,617,434	04/01/1997	Tamura et al.	372	6	
	E	5,623,508	04/22/1997	Grubb et al.	372	3	02/12/1996
	F	5,629,795	05/13/1997	Suzuki et al.	359	337	08/31/1995
	G	5,659,351	08/19/1997	Huber	348	7	
	H	5,659,559	08/19/1997	Ventrudo et al.	372	6	
	I	5,659,644	08/19/1997	DiGiovanni et al.	385	31	
	J	5,664,036	09/02/1997	Islam	385	31	10/12/1995
	K	5,673,280	09/30/1997	Grubb et al.	372	3	02/12/1996
	L	5,673,281	09/30/1997	Byer	372	3	
	M	5,689,596	11/18/1997	Evans	385	27	02/13/1997
	N	5,701,186	12/23/1997	Huber	359	125	
	O	5,726,784	03/10/1998	Alexander et al.	359	125	
	P	5,734,665	03/31/1998	Jeon et al.	372	6	09/18/1996
	Q	5,757,541	05/26/1998	Fidric	359	341	01/15/1997
	R	5,768,012	06/16/1998	Zanoni et al.	359	341	03/07/1997
	S	5,790,300	08/04/1998	Zediker et al.	359	334	10/15/1996
	T	5,796,909	08/18/1998	Islam	385	147	02/14/1996
	U	5,798,855	08/25/1998	Alexander et al.	359	177	
	V	5,815,518	09/29/1998	Reed et al.	372	6	06/06/1997
	W	5,825,520	10/20/1998	Huber	359	130	
	X	5,838,700	11/17/1998	Dianov et al.	372	6	
	Y	5,841,797	11/24/1998	Ventrudo et al.	372	6	
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	Z						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)						DATE
	AA	Pending Patent Application; USSN 10/116,487; entitled "Fiber Optic Transmission System for a Metropolitan Area Network"					Filed 04/03/2002
	AB	Brady et al., "Optical Amplifiers and Lasers in Infrared Fibers," Proceedings of SPIE - The International Society for Optical Engineering, Volume 3849, pgs. 85-92					
EXAMINER					DATE CONSIDERED		
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PTO-1449 Information Disclosure Citation In an Application				Application No.		Applicant(s) Mohammed N. Islam	
				Docket Number 069204.0234		Group Art Unit	
						Filing Date July 25, 2003	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
↑	A	5,847,862	12/08/1998	Chraplyvy et al.	359	337	11/29/1997
	B	5,861,981	01/19/1999	Jabr	359	341	08/20/1997
	C	5,880,866	03/09/1999	Stolen	359	138	11/13/1996
	D	5,883,736	03/16/1999	Oshima et al.	359	341	
	E	5,887,093	03/23/1999	Hansen et al.	385	27	09/12/1997
	F	5,905,838	05/18/1999	Judy et al.	385	123	02/18/1998
	G	5,920,423	07/06/1999	Grubb et al.	359	341	12/05/1997
	H	5,959,750	09/28/1999	Eskildsen et al.	359	134	06/06/1996
	I	5,978,130	11/02/1999	Fee et al.	359	341	09/16/1997
	J	6,008,933	12/28/1999	Grubb et al.	359	341	08/19/1997
	K	6,043,927	03/28/2000	Islam	359	332	01/16/1998
	L	6,072,601	06/06/2000	Toyohara	358	484	02/12/1998
	M	6,081,366	06/27/2000	Kidorf et al.	359	341	08/28/1997
	N	6,088,152	07/11/2000	Berger et al.	359	334	03/08/1999
	O	6,151,160	11/21/2000	Ma et al.	359	341	10/05/1998
	P	6,163,636	12/19/2000	Stentz et al.	385	24	01/19/1999
	Q	6,191,877 B1	02/20/2001	Chraplyvy et al.	359	124	07/15/1996
	R	6,219,176 B1	04/17/2001	Terhara	359	341	07/21/1998
	S	6,236,496 B1	05/22/2001	Yamada et al.	359	341	12/10/1997
	T	6,239,902 B1	05/29/2001	Islam et al.	359	334	05/05/2000
	U	6,239,903 B1	05/29/2001	Islam et al.	359	337	04/25/2000
	V	6,263,139 B1	07/17/2001	Kawakami et al.	385	123	11/09/1999
	W	6,310,716 B1	10/30/2001	Evans et al.	359	334	08/18/2000
	X	6,335,820 B1	01/01/2002	Islam	359	334	12/23/1999
	Y	2002/0001123A1	01/03/2002	Miyakawa et al.	359	334	06/21/2001
	Z	6,356,384 B1	03/12/2002	Islam	359	334	04/11/2000
	AA	6,359,725 B1	03/19/2002	Islam	359	334	12/23/1999
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLAS	TRANSLATION
	AB						
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
	AC	PCT International Search Report Form PCT/ISA/210					09/06/1999
	AD	PCT International Search Report Form PCT/ISA/210					01/11/2000
	AE						
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Information Disclosure Citation In an Application		Docket Number 069204.0234		Group Art Unit			
				Filing Date July 25, 2003			
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A	6,370,164 B1	04/09/2002	Islam	372	6	04/17/2000
<input checked="" type="checkbox"/>	B	6,374,006 B1	04/16/2002	Islam et al.	385	15	03/19/1999
<input checked="" type="checkbox"/>	C	6,381,391 B1	04/30/2002	Islam et al.	385	123	12/03/1999
<input checked="" type="checkbox"/>	D	6,414,786 B1	07/02/2002	Foursa	359	334	03/27/2000
<input checked="" type="checkbox"/>	E	6,417,959 B1	07/09/2002	Bolshtyansky et al.	359	334	02/01/2001
<input checked="" type="checkbox"/>	F	6,437,906 B1	08/20/2002	Di Pasquale et al.	359	337.2	11/22/2000
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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EXAMINER <i>DEANDRA M. HUGHES</i>				DATE CONSIDERED <i>JULY 30, 2004</i>			
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